

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended January 17, 1959

The report for California for the current week does not include data for the city of Los Angeles.

For the current week 475 cases of infectious hepatitis were reported. About 23 percent of the cases occurred in California and Ohio.

EPIDEMIOLOGICAL REPORTS

Salmonellosis

Dr. Milton Feig, Wisconsin State Board of Health, supplied information on an outbreak of salmonellosis due to *Salmonella bredeney*, which was investigated by Dr. Josef Preisler. A total of 43 cases was reported among 1,500 persons who attended a church meeting at which food was served. The predominant symptoms were nausea, vomiting, and diarrhea;

the diarrhea lasted 2 to 4 days. Onset of the illness occurred from 6 to 12 hours after eating. Stool specimens from 5 of 47 persons obtained 6 weeks after exposure were positive. There were no known secondary cases in the families that were investigated. The menu consisted of baked chicken, dressing, ham, cole slaw, apple and lemon pies, and coffee. The dressing for the chicken was prepared in the forenoon. The broth used in the dressing was made from a large batch of frozen chicken livers and gizzards which were cooked for 2 hours. Some of these did not become separated during the cooking process. The dressing was stored in large containers and warmed at the church before serving. The chickens were baked by 50 different persons in their homes and warmed at the church. The ham, of a nationally known brand, was sliced according

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	2d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Jan. 17, 1959 ¹	Ended Jan. 18, 1958	Median 1954-58	First 2 weeks			Since seasonal low week			
				1959 ¹	1958	Median 1954-58	1958-59 ¹	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Botulism-----049.1	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Brucellosis (undulant fever)-----044	12	20	17	22	27	27	(2)	(2)	(2)	(2)
Diphtheria-----055	30	21	37	51	40	87	663	838	1,341	July 1
Encephalitis, infectious-----082	15	17	17	42	36	36	1,783	1,349	1,349	June 1
Hepatitis, infectious, and serum-----092, N998.5 pt.	475	297	472	868	536	856	6,285	4,855	8,765	Sept. 1
Malaria-----110-117	-	-	5	1	-	8	(2)	(2)	(2)	(2)
Measles-----085	7,695	8,439	8,439	15,731	16,169	16,169	67,120	54,609	54,609	Sept. 1
Meningococcal infections-----057	73	50	87	131	119	146	994	1,128	1,128	Sept. 1
Meningitis, other-----340	355	45	---	97	99	---	---	---	---	---
Polio-myelitis-----080	20	14	114	53	37	234	5,872	5,437	28,505	Apr. 1
Paralytic-----080.0, 080.1	10	8	59	27	19	125	3,028	1,921	---	Apr. 1
Nonparalytic-----080.2	5	4	24	10	15	57	1,965	2,663	---	Apr. 1
Unspecified-----080.3	5	2	23	16	3	42	879	853	---	Apr. 1
Psittacosis-----096.2	1	3	3	2	3	4	(2)	(2)	(2)	(2)
Rabies in man-----094	-	-	-	-	-	-	(2)	(2)	(2)	(2)
Typhoid fever-----040	8	11	19	21	25	40	920	1,055	1,495	Apr. 1
Typhus fever, endemic-----101	-	1	1	-	1	2	64	91	116	Apr. 1
Rabies in animals-----	76	86	102	143	169	197	1,033	1,067	1,297	Oct. 1

¹Data exclude report from Pennsylvania for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes 4 cases of aseptic meningitis; see footnote to table 2.

EPIDEMIOLOGICAL REPORTS—Continued

to need at the church and rewarmed at half-hour intervals. The cole slaw and pies also were prepared by different families; the pies were refrigerated until served. The food was served from 12 noon until 7 p. m., but the persons who became ill ate before 4 p. m. None of the food was available for laboratory examination. The chickens were purchased alive at one place, but no history of illness in the poultry could be established at the retailer's or at the wholesaler's. No similar illness was reported among other persons who had purchased ham of the same brand. Attack rates incriminated about equally the chicken, ham, and dressing, but it was believed the illness probably resulted from unsatisfactorily prepared chicken and dressing.

Dr. Carl D. Olsen, Nebraska Department of Health, supplied information on a family outbreak of salmonellosis. Five adults, ages 22 to 62 years, who had eaten a birthday dinner together, became ill from 6 to 30 hours after eating the meal. All were hospitalized. Common symptoms were diarrhea and vomiting. Most of the persons experienced weakness and all but 1 had temperatures above 100° F. One person was irrational and restless and required sedation. Two persons developed hiccups, which lasted for 5 days for one of them. Stool specimens, obtained during treatment with antibiotics, were positive for Salmonella typhimurium for 3 of the 5 individuals. Also the organisms were isolated from jello, peas, chocolate pie, milk, and watermelon eaten at the meal. The dressing was reported as negative, but the goose and gravy were not tested. Some of the watermelon and several other items of food were eaten by additional guests after the serving of the main meal, and none of them became ill. The leftover goose was eaten by neighbors who assisted the ill family members, and they suffered no illness. The eggs used in the dressing and meringue were from the home flock but no illness had been noted among the chickens. The dairy which furnished the milk was a small, uninspected dairy. The milk was used in several of the foods including the chocolate pie which was left unrefrigerated during the night before the dinner. It was noted that the illness in the 2 persons who had eaten little or none of the pie had the longest incubation periods. The milk was considered the vehicle of infection and it was

reported that some of the other food items from which the organisms were isolated may have become contaminated by the handling of the leftovers and by the nonsterile procedures used in collecting the samples.

The Arizona State Department of Health reports that between mid-December 1957 and mid-December 1958 an animal disease laboratory in central Arizona has isolated Salmonella dublin from animal specimens, confirmed by the Communicable Disease Center Laboratories, as follows: 4 poultry, 7 bovine, 2 canine, 1 equine, 1 white wing dove, 1 rabbit, and 1 mouse. The Arizona State Department of Health Laboratory also isolated this organism from the food of a possibly infected person.

Staphylococcal food poisoning

Dr. Ralph H. Heeren, Iowa State Department of Health, reported the occurrence of some 60 cases of staphylococcal food intoxication in persons who were guests at a wedding reception. Onset of the illness occurred about 2 to 3 hours after eating a buffet luncheon served at the reception. The food vehicle of infection was chicken-salad sandwiches which were found to contain large numbers of beta-hemolytic staphylococci.

Psittacosis

Dr. Margaret Rathbun, Monroe County, N. Y., Department of Health, reported a case of psittacosis in a 35-year-old woman employed in the bird department of a chain store. The store obtains its birds from a company in New York City. During a recent 3- to 4-week period, several of the birds in the store had died, and others also had been ill. At the time of the report none of the birds showed any signs of illness. Results of laboratory tests are unknown.

Correction: In last week's issue it was incorrectly stated in the text that there were 7 cases of encephalitis reported in Utah. There was 1 case reported, which was western equine encephalitis. The data was correctly shown in table 2.

QUARANTINE MEASURES

Immunitization Information for International Travel

No changes reported.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 18, 1958, AND JANUARY 17, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		2d week		Cumulative first 2 weeks		082		2d week		Cumulative first 2 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	12	20	30	21	51	40	15	17	475	297	868	536
NEW ENGLAND-----	-	-	1	-	1	1	-	-	21	8	38	18
Maine-----	-	-	-	-	-	-	-	-	8	1	11	1
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	-	-	1	-	1	1	-	-	8	5	14	13
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	4	-
Connecticut-----	-	-	-	-	-	-	-	-	4	2	9	4
MIDDLE ATLANTIC ¹ -----	-	2	1	2	1	3	-	2	43	34	97	63
New York-----	-	-	1	1	1	2	-	2	26	23	53	39
New Jersey-----	-	-	-	-	-	-	-	-	17	4	29	6
Pennsylvania-----	-	2	-	1	1	1	-	-	-	7	15	18
EAST NORTH CENTRAL-----	5	3	5	-	5	1	-	3	85	50	125	76
Ohio-----	-	-	3	-	3	-	-	-	52	13	60	19
Indiana-----	-	-	-	-	-	-	-	-	12	7	13	11
Illinois-----	5	3	2	-	2	-	-	2	8	9	16	19
Michigan-----	-	-	-	-	-	1	-	1	12	18	31	24
Wisconsin-----	-	-	-	-	-	-	-	-	1	3	5	3
WEST NORTH CENTRAL-----	6	3	-	1	-	3	1	-	61	14	99	30
Minnesota-----	1	1	-	-	-	-	-	-	15	4	24	6
Iowa-----	1	-	-	1	-	1	-	-	14	1	15	5
Missouri-----	1	2	-	-	-	-	-	-	11	5	23	11
North Dakota-----	-	-	-	-	-	1	-	-	8	3	19	7
South Dakota-----	1	-	-	-	-	-	1	-	-	-	1	-
Nebraska-----	2	-	-	-	-	1	-	-	6	1	7	1
Kansas-----	1	-	-	-	-	-	-	-	7	-	10	-
SOUTH ATLANTIC-----	1	1	4	6	7	15	2	2	52	23	86	45
Delaware-----	-	-	-	-	-	-	-	-	-	1	1	1
Maryland-----	-	-	1	-	-	1	-	-	24	2	40	2
District of Columbia-----	-	-	-	-	-	-	-	-	1	-	1	-
Virginia-----	-	-	-	2	-	5	2	-	10	9	16	18
West Virginia-----	-	-	-	1	-	1	-	-	10	6	14	7
North Carolina-----	-	-	1	1	3	2	-	2	4	2	8	2
South Carolina-----	-	-	-	-	-	1	-	-	3	-	4	1
Georgia-----	1	1	1	1	2	5	-	-	-	1	2	3
Florida-----	-	-	2	-	2	-	-	-	-	2	-	11
EAST SOUTH CENTRAL-----	-	-	1	2	10	5	2	-	23	28	51	65
Kentucky-----	-	-	-	1	-	1	-	-	5	17	16	41
Tennessee-----	-	-	1	-	2	1	-	-	6	2	16	13
Alabama-----	-	-	-	1	2	2	2	-	8	8	14	9
Mississippi-----	-	-	-	1	7	1	-	-	4	1	5	2
WEST SOUTH CENTRAL-----	-	8	15	8	23	9	1	-	28	35	44	43
Arkansas-----	-	1	6	1	8	1	-	-	1	4	3	5
Louisiana-----	-	4	6	-	7	-	-	-	2	-	2	1
Oklahoma-----	-	1	-	1	-	1	-	-	2	12	4	14
Texas-----	-	2	3	6	8	7	1	-	23	19	35	23
MOUNTAIN-----	-	-	3	2	3	2	1	-	74	39	172	75
Montana-----	-	-	-	1	-	1	1	-	9	5	12	11
Idaho-----	-	-	-	-	-	-	-	-	8	6	34	9
Wyoming-----	-	-	-	-	-	-	-	-	7	-	25	1
Colorado-----	-	-	-	1	-	1	-	-	20	5	43	9
New Mexico-----	-	-	3	-	3	-	-	-	13	10	24	18
Arizona-----	-	-	-	-	-	-	-	-	17	10	26	17
Utah-----	-	-	-	-	-	-	-	-	-	3	7	9
Nevada-----	-	-	-	-	-	-	-	-	-	-	1	1
PACIFIC-----	-	3	-	-	1	1	8	10	88	66	156	121
Alaska-----	-	-	-	-	-	-	-	-	2	(8)	2	(8)
Washington-----	-	-	-	-	-	-	-	-	10	8	23	20
Oregon-----	-	2	-	-	-	1	-	-	21	11	35	16
California-----	-	1	-	-	1	-	8	10	55	47	96	85
Hawaii-----	-	-	-	-	-	-	-	1	1	1	4	1
Puerto Rico-----	-	-	2	-	3	1	-	-	1	2	2	6

¹Data exclude report from Pennsylvania for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 18, 1958, AND JANUARY 17, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total ²				Paralytic 080.0,080.1				Nonparalytic		085	
	2d week		Cumulative first 2 weeks		2d week		Cumulative first 2 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES ¹ -----	20	14	53	37	10	8	27	19	5	4	7,695	8,439
NEW ENGLAND-----	1	-	1	-	1	-	1	-	-	-	980	615
Maine-----	-	-	-	-	-	-	-	-	-	-	17	77
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	7	41
Vermont-----	-	-	-	-	-	-	-	-	-	-	213	-
Massachusetts-----	1	-	1	-	1	-	1	-	-	-	197	387
Rhode Island-----	-	-	-	-	-	-	-	-	-	-	4	13
Connecticut-----	-	-	-	-	-	-	-	-	-	-	542	97
MIDDLE ATLANTIC ¹ -----	-	1	8	3	-	1	1	1	-	-	1,095	1,154
New York-----	-	1	4	3	-	1	-	1	-	-	304	858
New Jersey-----	-	-	-	-	-	-	-	-	-	-	791	166
Pennsylvania-----	-	-	1 ⁴	-	-	-	1 ¹	-	-	-	-	130
EAST NORTH CENTRAL-----	3	3	11	4	1	3	4	3	-	-	1,104	2,448
Ohio-----	3	-	11	1	1	-	4	-	-	-	373	251
Indiana-----	-	1	-	1	-	1	-	1	-	-	131	124
Illinois-----	-	-	-	-	-	-	-	-	-	-	184	168
Michigan-----	-	2	-	2	-	2	-	2	-	-	113	268
Wisconsin-----	-	-	-	-	-	-	-	-	-	-	303	1,637
WEST NORTH CENTRAL-----	2	-	4	1	1	-	2	1	-	-	665	121
Minnesota-----	-	-	-	-	-	-	-	-	-	-	10	9
Iowa-----	-	-	-	-	-	-	-	-	-	-	312	4
Missouri-----	1	-	2	-	1	-	2	-	-	-	171	10
North Dakota-----	-	-	-	-	-	-	-	-	-	-	164	71
South Dakota-----	1	-	1	1	-	-	-	1	-	-	4	-
Nebraska-----	-	-	-	-	-	-	-	-	-	-	4	27
Kansas-----	-	-	1	-	-	-	-	-	-	-	(*)	(*)
SOUTH ATLANTIC-----	4	4	8	7	1	2	3	4	2	1	811	1,136
Delaware-----	-	-	-	-	-	-	-	-	-	-	10	5
Maryland-----	-	-	-	-	-	-	-	-	-	-	80	294
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	3	33
Virginia-----	-	-	-	-	-	-	-	-	-	-	287	117
West Virginia-----	1	-	1	-	1	-	1	-	-	-	204	436
North Carolina-----	-	3	-	4	-	2	-	2	-	1	116	76
South Carolina-----	-	1	-	1	-	-	-	-	-	-	4	60
Georgia-----	-	-	-	-	-	-	-	-	-	-	34	88
Florida-----	3	-	7	2	-	-	2	2	2	-	73	27
EAST SOUTH CENTRAL-----	1	-	3	7	-	-	2	2	-	-	476	908
Kentucky-----	-	-	-	5	-	-	-	2	-	-	157	446
Tennessee-----	-	-	-	1	-	-	-	-	-	-	232	416
Alabama-----	1	-	1	-	-	-	-	-	-	-	72	26
Mississippi-----	-	-	2	1	-	-	2	-	-	-	15	20
WEST SOUTH CENTRAL-----	6	1	12	5	3	1	9	4	3	-	457	567
Arkansas-----	2	-	6	-	2	-	6	-	-	-	1	38
Louisiana-----	-	-	-	2	-	-	-	2	-	-	-	5
Oklahoma-----	1	-	1	-	1	-	1	-	-	-	2	36
Texas-----	3	1	5	3	-	1	2	2	3	-	454	488
MOUNTAIN-----	-	2	1	2	-	-	-	-	-	1	881	540
Montana-----	-	-	-	-	-	-	-	-	-	-	335	51
Idaho-----	-	-	-	-	-	-	-	-	-	-	41	127
Wyoming-----	-	-	-	-	-	-	-	-	-	-	6	14
Colorado-----	-	-	-	-	-	-	-	-	-	-	280	65
New Mexico-----	-	1	1	1	-	-	-	-	-	-	40	157
Arizona-----	-	1	-	1	-	-	-	-	-	1	157	85
Utah-----	-	-	-	-	-	-	-	-	-	-	18	41
Nevada-----	-	-	-	-	-	-	-	-	-	-	4	-
PACIFIC-----	3	3	5	8	3	1	5	4	-	2	1,226	950
Alaska-----	-	-	-	-	-	-	-	-	-	-	120	(46)
Washington-----	-	-	-	-	-	-	-	-	-	-	265	187
Oregon-----	-	-	1	-	-	-	1	-	-	-	180	320
California-----	3	3	4	8	3	1	4	4	-	2	661	443
Hawaii-----	3	1	3	1	3	1	3	1	-	-	14	7
Puerto Rico-----	-	-	1	3	-	-	1	2	-	-	95	89

¹Data exclude report from Pennsylvania for the current week.²Includes cases not specified by type, category number 080.3.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JANUARY 18, 1958, AND JANUARY 17, 1959—Continued

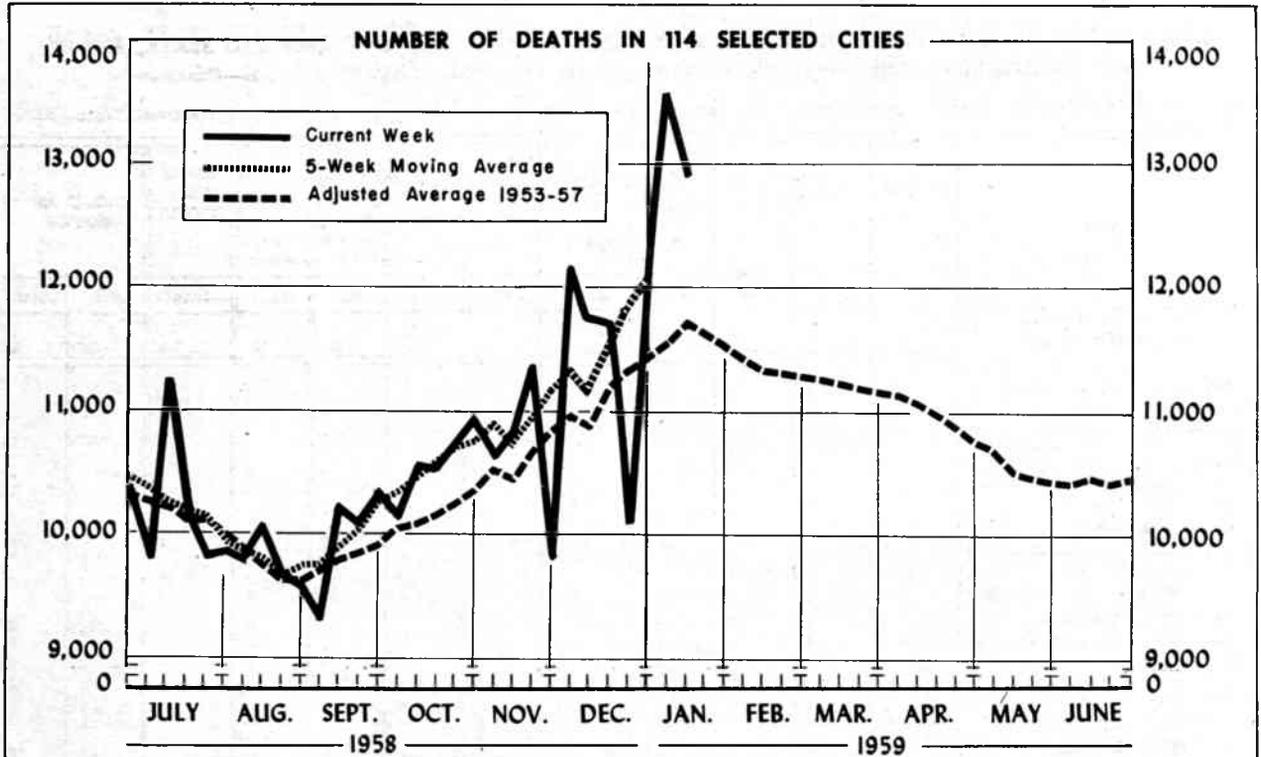
(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA		MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117		057		340	096.2	2d week		Cumulative first 2 weeks		101		
	1959	1958	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES ¹ -----	-	73	50	55	1	8	11	21	25	-	76	86	
NEW ENGLAND-----	-	9	2	6	-	-	1	-	1	-	-	-	
Maine-----	-	1	1	-	-	-	-	-	-	-	-	-	
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	
Massachusetts-----	-	3	-	5	-	-	1	-	1	-	-	-	
Rhode Island-----	-	-	-	1	-	-	-	-	-	-	-	-	
Connecticut-----	-	4	1	-	-	-	-	-	-	-	-	-	
MIDDLE ATLANTIC ¹ -----	-	4	9	-	1	1	3	4	5	-	5	4	
New York-----	-	3	-	-	1	1	1	2	1	-	5	4	
New Jersey-----	-	1	3	-	-	-	-	1	-	-	-	-	
Pennsylvania-----	-	-	6	-	-	-	2	1	4	-	-	-	
EAST NORTH CENTRAL-----	-	18	6	7	-	-	-	-	4	-	10	3	
Ohio-----	-	4	-	-	-	-	-	-	-	-	-	-	
Indiana-----	-	1	-	3	-	-	-	-	2	-	4	2	
Illinois-----	-	5	3	3	-	-	-	-	-	-	1	1	
Michigan-----	-	7	3	1	-	-	-	-	2	-	1	-	
Wisconsin-----	-	1	-	-	-	-	-	-	-	-	4	-	
WEST NORTH CENTRAL-----	-	5	2	1	-	1	1	1	6	-	13	16	
Minnesota-----	-	1	1	-	-	-	-	-	-	-	5	5	
Iowa-----	-	-	-	-	-	-	-	-	3	-	3	5	
Missouri-----	-	1	1	-	-	-	1	-	3	-	4	2	
North Dakota-----	-	2	-	-	-	1	-	1	-	-	1	4	
South Dakota-----	-	-	-	-	-	-	-	-	-	-	-	-	
Nebraska-----	-	1	-	-	-	-	-	-	-	-	-	-	
Kansas-----	-	-	-	1	-	-	-	-	-	-	-	-	
SOUTH ATLANTIC-----	-	6	15	16	-	1	1	4	1	-	10	23	
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	
Maryland-----	-	1	1	3	-	-	1	-	1	-	-	-	
District of Columbia-----	-	1	1	2	-	-	-	-	-	-	-	-	
Virginia-----	-	-	1	4	-	-	-	-	-	-	2	7	
West Virginia-----	-	1	1	2	-	-	-	1	-	-	-	2	
North Carolina-----	-	3	3	-	-	-	-	-	-	-	-	-	
South Carolina-----	-	-	3	-	-	-	-	-	-	-	2	3	
Georgia-----	-	1	2	1	-	-	-	-	-	-	4	7	
Florida-----	-	-	3	3 ⁴	-	1	-	3	-	-	2	4	
EAST SOUTH CENTRAL-----	-	6	5	5	-	1	-	3	2	-	17	18	
Kentucky-----	-	1	1	-	-	-	-	-	-	-	5	13	
Tennessee-----	-	1	-	2	-	-	-	1	1	-	2	2	
Alabama-----	-	3	4	-	-	1	-	1	1	-	10	1	
Mississippi-----	-	1	-	3	-	-	-	-	-	-	-	2	
WEST SOUTH CENTRAL-----	-	2	3	14	-	3	4	5	5	-	17	13	
Arkansas-----	-	-	-	-	-	2	-	2	-	-	2	1	
Louisiana-----	-	-	-	-	-	-	-	2	-	-	2	1	
Oklahoma-----	-	1	-	-	-	-	-	-	-	-	-	-	
Texas-----	-	1	3	14	-	1	4	1	5	-	13	11	
MOUNTAIN-----	-	2	2	1	-	-	-	1	-	-	1	3	
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-	
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-	
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-	
Colorado-----	-	2	1	-	-	-	-	-	-	-	-	-	
New Mexico-----	-	-	-	1	-	-	-	1	-	-	-	-	
Arizona-----	-	-	-	-	-	-	-	-	-	-	1	3	
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	
Nevada-----	-	-	1	-	-	-	-	-	-	-	-	-	
PACIFIC-----	-	21	6	5	-	1	1	3	1	-	3	6	
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-	
Washington-----	-	-	1	1	-	-	-	-	-	-	-	-	
Oregon-----	-	1	-	4	-	-	-	-	-	-	-	-	
California-----	-	20	5	-	-	1	1	3	1	-	3	6	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	-	1	-	-	-	-	2	-	5	-	

¹Data exclude report from Pennsylvania for the current week.

⁴Aseptic meningitis.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	2d week ended Jan. 17, 1959	1st week ended Jan. 10, 1959	Adjusted average, 2d week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 2 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 12,900	13,575	11,719	+10.1	² 26,475	26,560	-0.3
New England----- (14 cities)	² 835	802	788	+6.0	² 1,637	1,563	+4.7
Middle Atlantic----- (20 cities)	² 3,778	3,772	3,453	+9.4	² 7,550	7,806	-3.3
East North Central----- (19 cities)	² 2,543	2,945	2,515	+1.1	² 5,488	5,577	-1.6
West North Central----- (9 cities)	917	990	812	+12.9	1,907	1,759	+8.4
South Atlantic----- (11 cities)	1,113	1,189	1,005	+10.7	2,302	2,345	-1.8
East South Central----- (8 cities)	682	614	544	+25.4	1,296	1,327	-2.3
West South Central----- (13 cities)	1,092	1,193	948	+15.2	2,285	2,444	-6.5
Mountain----- (8 cities)	386	354	280	+37.9	740	687	+7.7
Pacific----- (12 cities)	1,554	1,716	1,424	+9.1	3,270	3,052	+7.1

¹Adjusted average used as base.

²Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	2d week ended Jan. 17, 1959	1st week ended Jan. 10, 1959	CUMULATIVE NUMBER FIRST 2 WEEKS		AREA	2d week ended Jan. 17, 1959	1st week ended Jan. 10, 1959	CUMULATIVE NUMBER FIRST 2 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	283	278	561	530	St. Louis, Mo.-----	285	329	614	585
Bridgeport, Conn.-----	40	48	88	92	St. Paul, Minn.-----	70	89	159	181
Cambridge, Mass.-----	31	34	65	66	Wichita, Kans.-----	75	65	140	93
Fall River, Mass.-----	28	35	63	53	SOUTH ATLANTIC:				
Hartford, Conn.-----	61	47	108	105	Atlanta, Ga.-----	126	152	278	255
Lowell, Mass.-----	27	23	50	63	Baltimore, Md.-----	285	292	577	632
Lynn, Mass.-----	34	18	52	50	Charlotte, N. C.-----	63	39	102	63
New Bedford, Mass.-----	28	29	57	62	Jacksonville, Fla.-----	53	81	134	196
New Haven, Conn.-----	57	52	109	101	Miami, Fla.-----	66	63	129	155
Providence, R. I.-----	¹ 72	91	² 163	164	Norfolk, Va.-----	50	63	113	80
Somerville, Mass.-----	18	19	37	29	Richmond, Va.-----	74	100	174	185
Springfield, Mass.-----	43	50	93	93	Savannah, Ga.-----	36	47	83	77
Waterbury, Conn.-----	40	20	60	62	St. Petersburg, Fla.-----	(81)	(84)	(165)	(160)
Worcester, Mass.-----	73	58	131	93	Tampa, Fla.-----	79	90	169	153
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N. Y.-----	58	66	124	119	Birmingham, Ala.-----	91	138	229	200
Allentown, Pa.-----	43	37	80	85	Chattanooga, Tenn.-----	52	67	119	128
Buffalo, N. Y.-----	148	129	277	408	Knoxville, Tenn.-----	42	23	65	78
Camden, N. J.-----	45	60	105	106	Louisville, Ky.-----	192	103	295	282
Elizabeth, N. J.-----	37	31	68	66	Memphis, Tenn.-----	137	174	311	287
Erie, Pa.-----	50	46	96	80	Mobile, Ala.-----	54	27	81	112
Jersey City, N. J.-----	75	123	198	176	Montgomery, Ala.-----	31	26	57	94
Newark, N. J.-----	109	131	240	250	Nashville, Tenn.-----	83	56	139	146
New York City, N. Y.-----	1,862	1,978	3,840	3,843	WEST SOUTH CENTRAL:				
Paterson, N. J.-----	42	59	101	104	Austin, Tex.-----	20	29	49	69
Philadelphia, Pa.-----	665	531	1,196	1,309	Baton Rouge, La.-----	46	44	90	83
Pittsburgh, Pa.-----	244	236	480	514	Corpus Christi, Tex.-----	11	30	41	52
Reading, Pa.-----	² 21	29	² 50	45	Dallas, Tex.-----	145	163	308	240
Rochester, N. Y.-----	115	93	208	208	El Paso, Tex.-----	39	40	79	89
Schenectady, N. Y.-----	26	24	50	56	Fort Worth, Tex.-----	60	61	121	134
Scranton, Pa.-----	42	33	75	62	Houston, Tex.-----	254	120	374	402
Syracuse, N. Y.-----	63	63	126	131	Little Rock, Ark.-----	53	95	148	126
Trenton, N. J.-----	67	41	108	119	New Orleans, La.-----	173	207	380	459
Utica, N. Y.-----	32	30	62	59	Oklahoma City, Okla.-----	82	87	169	189
Yonkers, N. Y.-----	34	32	66	66	San Antonio, Tex.-----	98	131	229	317
EAST NORTH CENTRAL:					SHREVEPORT, LA.-----				
Akron, Ohio-----	67	76	143	127	Shreveport, La.-----	66	100	166	131
Canton, Ohio-----	32	32	64	61	Tulsa, Okla.-----	45	86	131	153
Chicago, Ill.-----	797	886	1,683	1,856	MOUNTAIN:				
Cincinnati, Ohio-----	201	209	410	380	Albuquerque, N. Mex.-----	34	44	78	48
Cleveland, Ohio-----	211	246	457	451	Colorado Springs, Colo.-----	24	20	44	31
Columbus, Ohio-----	133	150	283	258	Denver, Colo.-----	135	126	261	280
Dayton, Ohio-----	58	82	140	171	Ogden, Utah-----	14	19	33	33
Detroit, Mich.-----	341	355	696	691	Phoenix, Ariz.-----	81	64	145	120
Evansville, Ind.-----	30	52	82	90	Pueblo, Colo.-----	13	14	27	29
Flint, Mich.-----	37	66	103	78	Salt Lake City, Utah-----	64	49	113	102
Fort Wayne, Ind.-----	36	47	83	86	Tucson, Ariz.-----	21	18	39	44
Gary, Ind.-----	50	45	95	75	PACIFIC:				
Grand Rapids, Mich.-----	51	46	97	98	Berkeley, Calif.-----	30	22	52	35
Indianapolis, Ind.-----	150	235	385	274	Fresno, Calif.-----	(52)	(48)	(100)	(77)
Madison, Wis.-----	(22)	(25)	(47)	(52)	Glendale, Calif.-----	(45)	(31)	(76)	(71)
Milwaukee, Wis.-----	144	188	332	361	Long Beach, Calif.-----	67	62	129	125
Peoria, Ill.-----	25	38	63	78	Los Angeles, Calif.-----	524	626	1,150	1,107
Rockford, Ill.-----	(39)	(30)	(69)	(65)	Oakland, Calif.-----	120	104	224	202
South Bend, Ind.-----	¹ 29	24	¹ 53	45	Pasadena, Calif.-----	36	42	78	81
Toledo, Ohio-----	90	101	191	267	Portland, Oreg.-----	107	194	301	228
Youngstown, Ohio-----	61	67	128	130	Sacramento, Calif.-----	61	63	124	104
WEST NORTH CENTRAL:					SAN DIEGO, CALIF.-----				
Des Moines, Iowa-----	63	57	120	148	San Diego, Calif.-----	88	100	188	187
Duluth, Minn.-----	31	28	59	55	San Francisco, Calif.-----	272	232	504	494
Kansas City, Kans.-----	23	32	55	58	San Jose, Calif.-----	(34)	(30)	(64)	(49)
Kansas City, Mo.-----	149	158	307	245	Seattle, Wash.-----	159	156	315	298
Lincoln, Nebr.-----	(28)	(34)	(62)	(72)	Spokane, Wash.-----	46	70	116	105
Minneapolis, Minn.-----	125	138	263	243	Tacoma, Wash.-----	44	45	89	86
Omaha, Nebr.-----	96	94	190	151	Honolulu, Hawaii-----	(49)	(41)	(90)	(81)

¹Estimated.

²Includes estimate for current week.

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EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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